

RAW SEQUENCE LISTING

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Application Serial Number: 101806477
Source: IFWO
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RAW SEQUENCE LISTING DATE: 10/14/2005
PATENT APPLICATION: US/10/806,477 TIME: 09:39:23

Input Set : N:\Crf3\RULE60\10806477.raw
Output Set: N:\CRF4\10142005\J806477.raw

SEQUENCE LISTING

- 1 (1) GENERAL INFORMATION:
2 (i) APPLICANT: Engler, Jeffrey A
3 Lee, Jae Hwy
4 Collawan, James F
5 Moore, Bryan A
6 (ii) TITLE OF INVENTION: Receptor-Mediated Uptake of Peptides
7 that Bind the Human Transferrin Receptor
8 (iii) NUMBER OF SEQUENCES: 14
9 (iv) CORRESPONDENCE ADDRESS:
10 (A) ADDRESSEE: Hendricks and Assoc.
11 (B) STREET: P.O. Box 2509
12 (C) CITY: Fairfax
13 (D) STATE: VA
14 (E) COUNTRY: U.S.A
15 (F) ZIP: 22031
16 (v) COMPUTER READABLE FORM:
17 (A) MEDIUM TYPE: Floppy disk
18 (B) COMPUTER: IBM PC compatible
19 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
20 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
21 (vi) CURRENT APPLICATION DATA:
C--> 22 (A) APPLICATION NUMBER: US/10/806,477
C--> 23 (B) FILING DATE: 23-Mar-2004
W--> 28 (C) CLASSIFICATION:
C--> 25 (vii) PRIOR APPLICATION DATA:
26 (A) APPLICATION NUMBER: US/09/995,804
27 (B) FILING DATE: 29-Nov-2001
28 (viii) ATTORNEY/AGENT INFORMATION:
30 (A) NAME: Hendricks, Glenna M
31 (B) REGISTRATION NUMBER: 32,535
32 (C) REFERENCE/DOCKET NUMBER: engler1
33 (ix) TELECOMMUNICATION INFORMATION:
34 (A) TELEPHONE: 703/425-8405
35 (B) TELEFAX: 703/425-8406
36 (2) INFORMATION FOR SEQ ID NO: 1:
37 (i) SEQUENCE CHARACTERISTICS:
38 (A) LENGTH: 7 amino acids
39 (B) TYPE: amino acid
40 (C) STRANDEDNESS: single
41 (D) TOPOLOGY: unknown
42 (ii) MOLECULE TYPE: peptide
43 (iii) HYPOTHETICAL: NO

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44 (iv) ANTI-SENSE: NO
45 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
46 His Ala Ile Tyr Pro Arg His
47 1 5
49 (2) INFORMATION FOR SEQ ID NO: 2:
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 12 amino acids
52 (B) TYPE: amino acid
53 (C) STRANDEDNESS: single
54 (D) TOPOLOGY: unknown
55 (ii) MOLECULE TYPE: peptide
56 (iii) HYPOTHETICAL: NO
57 (iv) ANTI-SENSE: NO
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
59 Thr His Arg Pro Pro Met Trp Ser Pro Val Trp Pro
60 1 5 10
62 (2) INFORMATION FOR SEQ ID NO: 3:
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 7 amino acids
65 (B) TYPE: amino acid
66 (C) STRANDEDNESS: single
67 (D) TOPOLOGY: unknown
68 (ii) MOLECULE TYPE: peptide
69 (iii) HYPOTHETICAL: NO
70 (iv) ANTI-SENSE: NO
71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
72 Ile Arg His Pro His Tyr Ala
73 1 5
75 (2) INFORMATION FOR SEQ ID NO: 4:
76 (i) SEQUENCE CHARACTERISTICS:
77 (A) LENGTH: 12 amino acids
78 (B) TYPE: amino acid
79 (C) STRANDEDNESS: single
80 (D) TOPOLOGY: unknown
81 (ii) MOLECULE TYPE: peptide
82 (iii) HYPOTHETICAL: NO
83 (iv) ANTI-SENSE: NO
84 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
85 Pro Trp Arg Pro Ser His Pro Val Trp Met Pro Thr
86 1 5 10
88 (2) INFORMATION FOR SEQ ID NO: 5:
89 (i) SEQUENCE CHARACTERISTICS:
90 (A) LENGTH: 18 base pairs
91 (B) TYPE: nucleic acid
92 (C) STRANDEDNESS: single
93 (D) TOPOLOGY: unknown
94 (ii) MOLECULE TYPE: DNA (genomic)
95 (iii) HYPOTHETICAL: NO
96 (iv) ANTI-SENSE: NO

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97      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:          18
98      TGGGATTTG CTAAAAAC
100 (2) INFORMATION FOR SEQ ID NO: 6:                  22
101     (i) SEQUENCE CHARACTERISTICS:
102       (A) LENGTH: 22 base pairs
103       (B) TYPE: nucleic acid
104       (C) STRANDEDNESS: single
105       (D) TOPOLOGY: unknown
106     (ii) MOLECULE TYPE: DNA (genomic)
107     (iii) HYPOTHETICAL: NO
108     (iv) ANTI-SENSE: NO
109     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
110     GTATGGGATT TTGCTAAACA AC
112 (2) INFORMATION FOR SEQ ID NO: 7:                  28
113     (i) SEQUENCE CHARACTERISTICS:
114       (A) LENGTH: 28 base pairs
115       (B) TYPE: nucleic acid
116       (C) STRANDEDNESS: single
117       (D) TOPOLOGY: unknown
118     (ii) MOLECULE TYPE: DNA (genomic)
119     (iii) HYPOTHETICAL: NO
120     (iv) ANTI-SENSE: NO
121     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
122     TCTAGATCTG ATGAGTAAAG GAGAAGAA
124 (2) INFORMATION FOR SEQ ID NO: 8:                  54
125     (i) SEQUENCE CHARACTERISTICS:
126       (A) LENGTH: 54 base pairs
127       (B) TYPE: nucleic acid
128       (C) STRANDEDNESS: single
129       (D) TOPOLOGY: unknown
130     (ii) MOLECULE TYPE: DNA (genomic)
131     (iii) HYPOTHETICAL: NO
132     (iv) ANTI-SENSE: NO
133     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
134     TTAAAGCTTT TAATGGCGCG GATAAGATCGC ATGTTGTAG AGCTCATCCA TGCC
136 (2) INFORMATION FOR SEQ ID NO: 9:          60
137     (i) SEQUENCE CHARACTERISTICS:
138       (A) LENGTH: 68 base pairs
139       (B) TYPE: nucleic acid
140       (C) STRANDEDNESS: single
141       (D) TOPOLOGY: unknown
142     (ii) MOLECULE TYPE: DNA (genomic)
143     (iii) HYPOTHETICAL: NO
144     (iv) ANTI-SENSE: NO
145     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
146     TAAAGCTTTT ACGGCCACAC CGGGCTCCAC ATCGGCAGGC GGTGGGTTTT GTAGAGCTCA
147     TCCATGCC
149 (2) INFORMATION FOR SEQ ID NO: 10:          68
150     (i) SEQUENCE CHARACTERISTICS:

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Input Set : N:\Crf3\RULE60\10806477.raw
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151 (A) LENGTH: 29 base pairs
152 (B) TYPE: nucleic acid
153 (C) STRANDEDNESS: single
154 (D) TOPOLOGY: unknown
155 (iii) MOLECULE TYPE: DNA (genomic)
156 (iii) HYPOTHETICAL: NO
157 (iv) ANTI-SENSE: NO
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
159 GATCCCATGC GATCTATCCG CGCCATTAA 29
161 (2) INFORMATION FOR SEQ ID NO: 11:
162 (i) SEQUENCE CHARACTERISTICS:
163 (A) LENGTH: 29 base pairs
164 (B) TYPE: nucleic acid
165 (C) STRANDEDNESS: single
166 (D) TOPOLOGY: unknown
167 (ii) MOLECULE TYPE: DNA (genomic)
168 (iii) HYPOTHETICAL: NO
169 (iv) ANTI-SENSE: YES
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
171 GATCTTAATG GCGCGGATAG ATCGCATGG 29
173 (2) INFORMATION FOR SEQ ID NO: 12:
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 44 base pairs
176 (B) TYPE: nucleic acid
177 (C) STRANDEDNESS: single
178 (D) TOPOLOGY: unknown
179 (ii) MOLECULE TYPE: DNA (genomic)
180 (iii) HYPOTHETICAL: NO
181 (iv) ANTI-SENSE: NO
182 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
183 GATCCACCCA CCGCCCGCCG ATGTGGAGCC CGGTGTGGCC GTAA 44
185 (2) INFORMATION FOR SEQ ID NO: 13:
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 44 base pairs
188 (B) TYPE: nucleic acid
189 (C) STRANDEDNESS: single
190 (D) TOPOLOGY: unknown
191 (ii) MOLECULE TYPE: DNA (genomic)
192 (iii) HYPOTHETICAL: NO
193 (iv) ANTI-SENSE: YES
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
195 GATCTTACGG CCACACCGGG CTCCACATCG GCAGGGCGGTG GGTG 44
197 (2) INFORMATION FOR SEQ ID NO: 14:
198 (i) SEQUENCE CHARACTERISTICS:
199 (A) LENGTH: 7 amino acids
200 (B) TYPE: amino acid
201 (C) STRANDEDNESS: single
202 (D) TOPOLOGY: unknown
203 (ii) MOLECULE TYPE: peptide

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204 (iii) HYPOTHETICAL: NO
205 (iv) ANTI-SENSE: NO
206 (v) FRAGMENT TYPE: internal
207 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
208 His Ala Ile Tyr Pro Asn His
209 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/806,477

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Input Set : N:\Crf3\RULE60\10806477.raw
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L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:25 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:28 M:238 W: Alpha Fields not Ordered [(C) CLASSIFICATION:] of (1) (vi)